COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled "METHOD AND STRUCTURE FOR MONITORING POLLUTION AND PREFETCHES DUE TO SPECULATIVE ACCESSES" which

| [x] is at | ttached hereto. | | | | |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|------------------------------------|
| [] and i | is amended by t | he Preliminary Amer | ndment att | ached her | eto. |
| [] was : | filed on | as Applicat | tion No | | |
| [] and w | vas amended on | (i | f applicab | le). | |
| the specifi "METHOD AND | cation, includ STRUCTURE FOR | e reviewed and und ing the claims of MONITORING POLLUT as amended by any | the appli TION AND P | cation er | ntitled S DUE |
| material to | patentability | disclose informat of this applicati Regulations, § 1. | ion in acc | | |
| or 365(b) o certificate designated America, li application internation | f any foreign, , or 365(a) of at least one co sted below and for patent or al application | iority benefits un application(s) for any PCT internati ountry other than have also identif inventor's certif having a filing d rity is claimed. | r patent of conal apple the Unite Sied below ficate, or | r invento ication w d States any fore of any E | or's which of eign PCT |
| Prior Fore | ign Application | a(s) | | Priority [] Yes | Claimed |
| | (Country) | (Day/Month/Year f: | iled) | | ٠ |
| States of A | merica provisio ecific referenc | enefits under 35 U onal application l ce in the above id | isted bel | ow that a | lso is |
| N/ | A | | | Priority | Claimed |
| (Serial | Number) | (Day/Month/Year fi | iled) | [] Yes | [] No |
| | | | | | |

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (continued)

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

N/A
(Serial No.) (Filing Date) (Status-patented, pending, abandoned)

I hereby appoint the attorneys and/or agents identified by:

Customer Number 24209

to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all correspondence and telephone calls to:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Brian M. Fahs

Inventor's signature Date 4/29/2014

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (continued)

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (continued)

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